

27364 to 27399—Continued.**27382 to 27399.**

Seed from selected plants that were open pollinated:

27382 to 27384. *MEDICAGO SATIVA VARIA* (Mart.) Urban. **Sand lucern.**

27382 and 27383. Grown from cuttings of S. P. I. No. 20571 (see No. 27260, above). The first plant yielded 37½ grams of seed; the second 25½ grams.

27384. Grown from P. L. H. No. 3386, which represents seed of No. 20571. As both 3386 and the present lot were produced in association with ordinary alfalfa, unlimited opportunity for crossing existed. One plant yielded 36 grams of seed.

27385 to 27391. *MEDICAGO SATIVA* L. **Alfalfa.**

27385 and 27386. Grown from two plants of S. P. I. No. 25112 (see No. 27262, above). The first plant yielded 29 grams; the second 27 grams of seed.

27387. Grown from an individual plant of S. P. I. No. 25111 (see No. 27261). One plant yielded 42 grams of seed.

27388 to 27391. Grown from four selected plants of S. P. I. No. 25110 (see No. 27258). The first plant yielded 2 grams of seed; the second 44½ grams; the third 19½; the fourth 7 grams; showing admirably the great diversity in value as to seed production of the individuals composing the stand of alfalfa.

27392 and 27393.

NOTE.—When the material to which these numbers were assigned was thrashed, no seed was found, so they were not used.

27394. *MEDICAGO FALCATA* L. **Sickle lucern.**

Grown at Dickinson from cuttings of Hansen's introduction of this species No. 20721, from Samara, Russia. One plant yielded one-fourth gram of seed. As this was grown in association with true alfalfa the present number may represent the immediate hybrid between *sativa* and *falcata*—*Medicago sativa varia* (Mart.) Urban, or true sand lucern.

27395 to 27397. *MEDICAGO SATIVA* L. **Alfalfa.**

27395. Grown from a cutting which yielded 10 grams of seed.

27396. Grown from a cutting which yielded 17 grams of seed.

27397. Grown from seed of this species produced at Lanham, Md. Original seed from Madrid, Spain. Parent plant had loose, open pods, many of them broadly falcate. At Dickinson one plant yielded 36½ grams of seed.

27398. *MEDICAGO SATIVA VARIA* (Mart.) Urban. **Sand lucern.**

Grown from cuttings of S. P. I. No. 20571 (see No. 27260). One plant yielded 46½ grams of seed.

27399. *MEDICAGO SATIVA* L. **Alfalfa.**

Grown from seed produced at Lanham, Md. Original seed from Madrid, Spain. One plant yielded 9 grams of seed.